



# **STIC Search Report**

## **EIC 3600**

**STIC Database Tracking Number: 165022**

**TO: Freda Nelson**  
**Location: knox 5d78**  
**Art Unit : 3639**  
**Tuesday, September 13, 2005**  
  
**Case Serial Number: 10/811077**

**From: Sylvia Keys**  
**Location: EIC 3600**  
**Knox 4B68**  
**Phone: 571.272.3534**  
  
**[sylvia.keys@uspto.gov](mailto:sylvia.keys@uspto.gov)**

### **Search Notes**

Dear Examiner Nelson,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia

From: Nelson, Freda  
Sent: Wednesday, September 07, 2005 1:10 PM  
To: STIC-EIC3600  
Subject: Database Search Request

Requester:  
Freda Nelson (TC3600)  
Art Unit:  
3639  
Employee Number:  
70195  
Office Location:  
KNOX 5D78  
Phone\_Number:  
571-272-7076  
Mailbox Number:

Case serial number:  
10811077  
Class / Subclass(es):  
705/001  
Earliest Priority Filing Date:  
03/27/03  
Format preferred for results:  
Paper

Search Topic Information:

A method for a computing system of an organization to provide information about airline tickets to customers by using predictive pricing that is based on historical airline ticket prices, the method comprising:

in the computing system, retrieving information about prices for airlines tickets that were previously offered to customers for multiple airline flights, each of the previously offered airline ticket prices specified by an airline ticket provider unrelated to the organization;

in the computing system, for each of the multiple airline flights, automatically determining pricing factors for the airline flight that are used to determine prices for the airline flight by the unrelated airline ticket provider for the airline flight, by identifying from the retrieved airline ticket price information multiple previously offered prices for airline tickets for the airline flight; and

analyzing the identified previously offered airline ticket prices to detect the pricing factors for the airline flight, the pricing factors corresponding to changes in the identified previously offered airline ticket prices; and

after the automatic determining of the pricing factors for the airline flights, and for each of multiple requests that are each from a customer for information about airline flights, automatically advising the customer, by identifying one or more of the multiple airline flights that each satisfy criteria in the request from the customer;

retrieving information about current prices offered for the identified airline flights that are specified by the unrelated airline ticket providers for the airline flights;

predicting future prices that will be offered for the identified airline flights by the unrelated airline ticket providers for those flights, the predicting based at least in part on the determined pricing factors for those airline flights;

for each of the identified airline flights predicting a time at which an airline ticket for the identified airline will be available at the lowest price, based at least in part on

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Set	Items	Description
S1	1315	(COMPUTER? OR AUTOMATE? OR ELECTRONIC?) (5N) (PREDICT? OR F- ORECAST? OR FORETELL?)
S2	82	(AIRLINE()TICKET? ?) (5N) (PRICE OR PRICES OR PRICING OR COST OR COSTS)
S3	332	(AIRLINE()TICKET? ?) (5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR SELL OR SELLS SELLING)
S4	51385	(CURRENT OR PRESENT()PRICE? ?) (5N) (COMPARI? OR COMPARE? OR LINK?)
S5	1541	(PRICE? ? OR PRICING?) (5N) (HISTORICAL? OR PAST OR RECENT OR PREVIOUS OR FORMER OR PAST OR OLD)
S6	114	AU=(ETZIONI, O? OR ETZIONI O? OR YATES, A? OR YATES A? OR - KNOBLOCK, C? OR KNOBLOCK C? OR TUCHINDA, R? OR TUCHINDA R?)
S7	6	S1 AND (S2 OR S3)
S8	70	S1 AND (S4 OR S5)
S9	67	S8 NOT S7
S10	32	S9 AND IC=G06F
S11	0	S6 AND S1
S12	2	S6 AND S2
S13	94	(PREDICT? OR FORECAST? OR FORETELL?) AND (S2 OR S3)
S14	31	S13 AND (S4 OR S5)
S15	26	S14 NOT (S7 OR S10 OR S12)
S16	18	S15 AND IC=G06F

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Set	Items	Description
S1	206846	(PREDICT? OR FORECAST?) (5N) (PRICE OR PRICES OR PRICING OR -

COST OR COSTS)  
 S2 4 S1(5N)(AIRLINE()TICKET? ?)  
 S3 131007 (CURRENT OR PRESENT()PRICE? ?)(5N)(COMPARI? OR COMPARE?)  
 S4 278262 (PRICE? ? OR PRICING?)(5N)(HISTORICAL? OR PAST OR RECENT OR  
 FORMER OR PAST OR OLD)  
 S5 4 RD S2 (unique items)  
 S6 1934 S1(3N)(S3 OR S4)  
 S7 1521 S6 NOT PY>2003  
 S8 1273 RD (unique items)  
 S9 147464 (PREDICT? OR FORECAST?)(3N)(PRICE OR PRICES OR PRICING OR -  
 COST OR COSTS)  
 S10 98173 (CURRENT OR PRESENT()PRICE? ?)(3N)(COMPARI? OR COMPARE?)  
 S11 184615 (PRICE? ? OR PRICING?)(3N)(HISTORICAL? OR PAST OR RECENT OR  
 FORMER OR PAST OR OLD)  
 S12 756 S9(3N)(S10 OR S11)  
 S13 595 S12 NOT PY>2003  
 S14 489 RD (unique items)  
 S15 3 S14(S)AIRLINE? ?  
 S16 3 RD (unique items)

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Set	Items	Description
S1	32529	(COMPUTER? OR AUTOMATE? OR ELECTRONIC?) (5N) (PREDICT? OR FORECAST? OR FORETELL?)
S2	5040	(AIRLINE()TICKET? ?) (5N) (PRICE OR PRICES OR PRICING OR COST OR COSTS)
S3	7587	(AIRLINE()TICKET? ?) (5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR SELL OR SELLS SELLING)
S4	146339	(CURRENT OR PRESENT()PRICE? ?) (5N) (COMPARI? OR COMPARE? OR LINK?)
S5	492986	(PRICE? ? OR PRICING?) (5N) (HISTORICAL? OR PAST OR RECENT OR PREVIOUS OR FORMER OR PAST OR OLD)
S6	172	AU=(ETZIONI, O? OR ETZIONI O? OR YATES, A? OR YATES A? OR - KNOBLOCK, C? OR KNOBLOCK C? OR TUCHINDA, R? OR TUCHINDA R?)
S7	2	S1(S) (S2 OR S3)
S8	2	RD (unique items)
S9	201	(PREDICT? OR FORECAST? OR FORETELL?) (S) (S2 OR S3)
S10	0	S9(S) (S4 OR S5)
S11	21	S9(S) (COMPARI? OR COMPARE?)
S12	12	RD (unique items)
S13	12	S12 NOT S8
S14	27	S9(S) (HISTORICAL? OR PAST OR RECENT OR PREVIOUS OR FORMER - OR PAST OR OLD)
S15	22	S14 NOT (S8 OR S12)
S16	19	RD (unique items)
S17	0	S6(S) (S1 OR S2)

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Set	Items	Description
S1	4340	(COMPUTERI? OR AUTOMATE? OR ELECTRONIC?) (5N) (PREDICT? OR F-ORECAST? OR FORETELL?)
S2	118	(AIRLINE()TICKET? ?) (5N) (PRICE OR PRICES OR PRICING OR COST OR COSTS)
S3	142	(AIRLINE()TICKET? ?) (5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR SELL OR SELLS SELLING)
S4	19896	(CURRENT OR PRESENT()PRICE? ?) (5N) (COMPARI? OR COMPARE? OR LINK?)
S5	9316	(PRICE? ? OR PRICING?) (5N) (HISTORICAL? OR PAST OR RECENT OR PREVIOUS OR FORMER OR PAST OR OLD)
S6	633	AU=(ETZIONI, O? OR ETZIONI O? OR YATES, A? OR YATES A? OR - KNOBLOCK, C? OR KNOBLOCK C? OR TUCHINDA, R? OR TUCHINDA R?)
S7	0	S1 AND (S2 OR S3)
S8	8	(PREDICT? OR FORECAST? OR FORETELL?) AND (S2 OR S3)
S9	11599	(PREDICT? OR FORECAST? OR FORETELL?) (3N) (COST? ? OR PRICE?)
S10	89	S9(3N) (S4 OR S5)
S11	81	S10 NOT PY>2003
S12	80	RD (unique items)
S13	1	S12 AND (COMPUTERI? OR AUTOMATE? OR ELECTRONIC?)
S14	0	S6 AND (S1 OR S2)